

PLATE COUNT AGAR, ISO 6222

A standard medium for the enumeration of total viable micro-organisms from water according to ISO 6222.

Dehydrated media	
Code number:	500 g: PCW20500, 5 kg: PCW25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,0 – 7,4

Direction: Suspend **24 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
Bottled media:	100 ml: PCW30100, 500 ml: PCW30500
Plated media:	55 mm: PCW50055, 90 mm: PCW50090
Colour:	Yellowish
pH (25 °C):	7,1 – 7,3

Direction: Dispense the melted bottled media aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

FORMULA in g/l

Tryptone	6
Yeast extract	3
Agar	15

Note: The typical formula can be adjusted to obtain optimal performance.

Storage conditions: Store the dehydrated media tightly closed in a dry place at room temperature and Store the bottled media protected from light at room temperature. Store the plated media protected from light at 2-8 °C. Use before the expiry date on the label.

Quality control:

Test strains	Incubation temp: 37 °C	Growth	Incubation time: 24 h
<i>Escherichia coli</i> ATCC 25922		Good	
<i>Staphylococcus aureus</i> ATCC 29213		Good	

References: ISO 6222: 2000

In vitro diagnostic – for professional use only!